

WHAT IS CLAIMED IS:

1. A disk drive; comprising
a chassis case,
5 a disk tray which supports a disk-shaped recording medium
and is movable between a loading position in said chassis case
and an unloading position outside of said chassis case, and
a pressing means set between said chassis case and said
disk tray to generate a pressing force for pressing said disk
10 tray in "the direction perpendicular to the recording medium"
by using said chassis case as a reaction point when loading
the disk tray; wherein
said pressing means presses said disk tray in "the
direction perpendicular to the recording medium" when said
15 disk tray is in the loading position.
2. The disk drive according to claim 1; wherein
the pressing force is generated by a roller elastically
supported so that a rolling surface is exposed from the
20 surface of said disk tray and by a slider of a side arm.
3. The disk drive according to claim 1; said pressing means
having a roller supported by either of said chassis case and
said disk tray, and provided with the rolling surface can
25 contact with the other.
4. The disk drive according to claim 1, wherein
said pressing means does not generate the pressing force
against said disk tray when said disk tray is located at the
30 unloading position while it generates the pressing force
against said disk tray when it is located at the unloading
position.
5. The disk drive according to claim 3, wherein

the disk tray has a disk support means which rotatably supports the recording medium, and

5 said pressing means generates the pressing force against said disk tray while said disk tray moves from the unloading position to the loading position and before the disk support means enters said chassis case.

6. The disk drive according to claim 1, wherein said pressing means has a contact face tilting in both directions
10 i.e. "the direction perpendicular to the recording medium" and "a radial direction of the recording medium" and a contact portion contacting with the contact face, and generates the pressing force in the "direction substantially perpendicular to the contact face" against said disk tray.

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7. The disk drive according to claim 1,

said disk tray comprising a main body portion having a dimensional shape from which a part of the recording medium protrudes and the side arm portion extending along the
20 recording medium protruded from the main body portion,

said chassis case comprising the recording medium protruding from the main body portion of said disk tray and a convex housing portion for housing the side arm portion of said disk tray, and

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said pressing means is set between the side arm portion of the disk tray and the housing convex portion of the chassis case.